

Converting Colors

HunterLab(43.6348, -40.8556,
-52.4568)

Have a look what the booklet for
HunterLab(43.6348, -40.8556,
-52.4568) contains.

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Color

**HunterLab(50.8947,
-12.7239, -36.1467)**

Conversions

Conversions Part 1

Format	Color
Hex	0095CD
RGB	0, 149, 205
RGB Percent	0%, 58%, 80%
CMY	0.9998, 0.4157, 0.1961
CMYK	1.00, 0.27, 0.00, 0.20
HSL	196°, 100%, 40%
HSV	196°, 100%, 80%
XYZ	21.7669, 25.9027, 61.6101
YIQ	110.8330, -106.7800, -14.1720

Conversions

Conversions Part 2

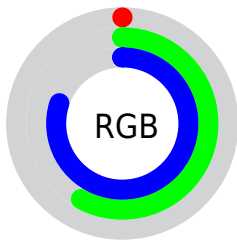
Format	Color
RYB	0, 86, 205
Decimal	38349
CIELab	57.95, -12.82, -37.93
CIELCh	58, 40.038, 251.327
Yxy	25.9036, 0.1992, 0.2370
Android (android.graphics.Color)	4278228429 (0xFF0095CD)
YUV	110.8330, 46.4243, -97.2005
Hunter-Lab	50.8947, -12.7239, -36.1467

Details

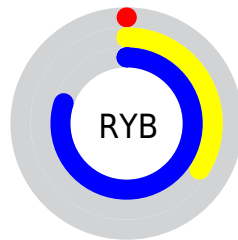
The HunterLab color **50.8947, -12.7239, -36.1467** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **39.7645, 49.7895, 25.3724**, and the grayscale version is **39.6691, -2.1166, 2.1553**.

A 20% lighter version of the original color is **72.5543, -17.0926, -32.9033**, and **33.0717, -4.5889, -31.4306** is the 20% darker color. If you saturate the color by 10%, you get **50.8913, -12.7186, -36.1538**, and if you desaturate by 10%, it is **52.7950, -14.7137, -32.5894**.

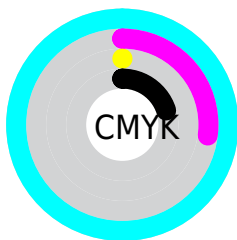
Distribution



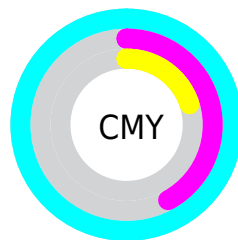
- Red (0%)
- Green (58%)
- Blue (80%)



- Red (0%)
- Yellow (34%)
- Blue (80%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.8947, -12.7239, -36.1467 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 50.8947, -12.7239, -36.1467 by changing the saturation by 10% instead.

■ 50.8947, -12.7239,
-36.1467

■ 50.8947, -12.7239,
-36.1467

168.0203,
-24.2073, -40.6421

■ 40.9286, -11.4307,
-35.5014

■ 72.8830, -15.2680,
-37.4324

■ 31.7135, -10.1109,
-34.9254

■ 84.8244, -16.5328,
-38.0304

■ 23.3176, -8.7457,
-34.5446

■ 97.3550, -17.7980,
-38.5852

■ 15.8301, -7.3040,
-34.6670

■ 110.4482,
-19.0664, -39.0932

■ 9.3787, -6.4567,
-36.2056

■ 124.0808,
-20.3402, -39.5528

0.0000, NaN, -NF

0.0000, NaN, -NF

138.2324,

-21.6208, -39.9638

0.0000, NaN, NaN

152.8844,
-22.9095, -40.3266

0.0000, NaN, NaN

■ 50.8947, -12.7239,
-36.1467

■ 50.8947, -12.7239,
-36.1467

■ 50.8913, -12.7186,
-36.1538

■ 52.7950, -14.7137,
-32.5894

■ 54.8568, -16.1411,
-28.9060

■ 57.1131, -16.8794,
-25.0623

■ 59.5679, -16.9142,
-21.0793

■ 62.2190, -16.2610,
-16.9849

■ 65.0600, -14.9542,
-12.8078

■ 68.0828, -13.0394,
-8.5748

■ 71.2776, -10.5677,
-4.3084

■ 74.6343, -7.5912,
-0.0271

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.8955, -24.9223, -22.2036



50.8947, -12.7239, -36.1467



50.8955, 3.8321, -37.8876

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.8955, -12.7233, -36.1457



50.8955, 33.2801, 8.4831



50.8955, -22.4739, 20.9651

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



50.8947, -12.7239, -36.1467



39.7645, 49.7895, 25.3724

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.8955, -8.9535, 24.7357



50.8947, -12.7239, -36.1467



50.8955, 24.0959, 19.2658

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.8955, -12.7233, -36.1457



50.8955, 31.9240, -8.1702



50.8955, 8.1246, 24.2367



50.8955, -30.0233, 11.7180

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.8947, -12.7239, -36.1467



50.8955, 15.3296, -31.3997



50.8955, 8.1246, 24.2367



50.8955, -18.5563, 22.7536

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



50.8955, -12.7233, -36.1457



86.9746, -16.8018, -11.1943



66.2845, -55.3676, 36.6754



39.4632, -8.2937, -6.2520

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.8955, -12.7233, -36.1457



64.8497, -15.8623, -46.8144



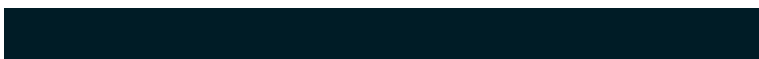
25.5173, 39.7895, -117.7819



34.9120, -3.4535, 0.1042



40.3590, -10.3354, -28.1340



9.8111, -3.2620, -5.2213

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.9233, 72.2256, -18.0641



49.7761, 92.3077, -22.5998



60.9538, 2.4579, 37.6012



33.6889, 2.2508, -0.0707



30.7365, 57.0856, -14.6221



7.0691, 13.2784, -4.5205

Previews

White Background



This preview shows how the HunterLab color 50.8947, -12.7239, -36.1467 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 50.8947, -12.7239, -36.1467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

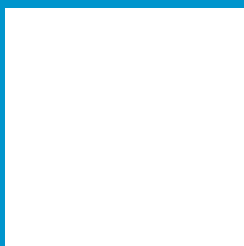
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 50.8947, -12.7239, -36.1467 Background



This preview shows how black text looks on a background with the HunterLab color 50.8947, -12.7239, -36.1467.



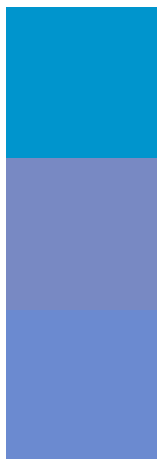
This preview shows how white text looks on a background with the HunterLab color 50.8947,

-12.7239, -36.1467.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

50.8947, -12.7239, -36.1467

Protanopia

50.8178, 4.2978, -28.8483

Deuteranopia

50.8496, 4.1676, -38.1735



Tritanopia

50.8570, -24.2835, -11.1457

Trichromacy



Original Color

50.8947, -12.7239, -36.1467

Protanomaly

49.7089, -5.0671, -33.9056

Deuteranomaly

50.0799, -4.5224, -39.1081

Tritanomaly

50.7462, -20.3325, -19.5363

Monochromacy



Original Color

50.8947, -12.7239, -36.1467

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

42.4867, -11.1513, -11.3978

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.8947, -12.7239, -36.1467 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 149, 205)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 205)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 149, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 50.8947, -12.7239, -36.1467 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 149, 205) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 149, 205) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 149, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 205);  
box-shadow:4px 4px 4px 4px rgb(0, 149,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.8947, -12.7239, -36.1467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 149, 205) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 149,  
205) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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